

SWBAT: explain induction in conductors

Jan 4-7:20 AM

Welcome!!!

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SECA Physics
Monday 2 February 2015

- * Pick up:
 - slip of paper (for later)



Opening question:

What's an electrical CONDUCTOR? Is water a good or bad conductor of electricity?

YES?

Centering

Sep 7-7:04 AM

Ground Hog's Day

 <http://www.youtube.com/watch?v=n8tBLlgBmoA>

Time Cop

 http://www.youtube.com/watch?v=268EIU_fUiY

Tap water is a GREAT conductor

Eureka 24 - Conduction 2:40-3:20

Conductors have free electrons (or ions) that allow charge to move around easily!

FOR EXAMPLE: METALS, TAP WATER

Insulators do not.

ELECTRONS STUCK WITH THE ATOM

Feb 5-7:29 AM

"Life is like a box of chocolates"

"There are plenty of fish in the sea."

The like / opposite "smell" analogy

Guys: don't like how other guys smell and try to move away
DO like how women smell and try to move closer

Women: don't like how other women smell and try to move away
DO like how guys smell and would move closer if they could but are stuck in their chairs

People are on little boats (?) surrounded by acid (?)

Smell goes as...

Conductor /
Insulator

Feb 3-7:07 AM

Any heart problems?

<http://www.youtube.com/watch?v=p2EwLIIV7uU>

Building "Leyden Jars"



<http://www.youtube.com/watch?v=KV85Os3jVo8>

A Leyden Jar is a way to **STORE CHARGE** temporarily.

Catchy Physics Phrases

Feb 3-7:31 AM

Daily 3 Questions

CP Hmwk: p 146 of charging worksheet

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Is tap water a good conductor?

YES

2. Which allows electrons to move easily?

- a. conductors
- b. insulators
- c. neither

3. What does our Leyden Jar store (NOT water!)?

CHARGE

Feb 1-7:52 AM